

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	((self\$1cross adj1 correlat\$3) or (self adj2 cross adj1 correlat\$3)) same (adjust\$4 or calculat\$3 or determin\$5) near2 (sign) near3 (pseudo\$1random adj2 sequence)	US-PGPUB; USPAT	OR	ON	2006/12/15 11:04
L8	0	((self\$1cross adj1 correlat\$3) or (self adj2 cross adj1 correlat\$3) or (cross adj1 correlat\$3 near3 multipl\$7)) same (sign) with ((pseudo\$1random or known) near3 sequence)	US-PGPUB; USPAT	OR	ON	2006/12/15 11:06
L9	0	((self\$1cross adj1 correlat\$3) or (self adj2 cross adj1 correlat\$3) or (cross adj1 correlat\$3 near3 multipl\$7)) same (sign or (negative with positive)) with ((pseudo\$1random or known) near3 sequence)	US-PGPUB; USPAT	OR	ON	2006/12/15 11:07
L10	0	((self\$1cross adj1 correlat\$3) or (self adj2 cross adj1 correlat\$3) or (cross adj1 correlat\$3 near3 multipl\$7)) same (sign or (negative with positive)) same ((pseudo\$1random or known) near3 sequence)	US-PGPUB; USPAT	OR	ON	2006/12/15 11:07
L11	5	((self\$1cross adj1 correlat\$3) or (self adj2 cross adj1 correlat\$3) or (cross adj1 correlat\$3 near3 multipl\$7)) and (sign or (negative with positive)) same ((pseudo\$1random or known) near3 sequence)	US-PGPUB; USPAT	OR	ON	2006/12/15 11:12
L12	6	((self\$1cross adj2 correlat\$3) or (self adj2 cross adj3 correlat\$3) or (cross adj2 correlat\$3 near3 multipl\$7)) and (sign or (negative same positive)) same ((pseudo\$1random or known) near4 sequence)	US-PGPUB; USPAT	OR	ON	2006/12/15 15:56
L13	1	12 not 11	US-PGPUB; USPAT	OR	ON	2006/12/15 11:13
L14	49	((self\$1cross adj2 correlat\$3) or (self adj2 cross adj3 correlat\$3) or (cross adj2 correlat\$3 near3 multipl\$7)) and (sign or (negative same positive)) and ((pseudo\$1random or known) near4 sequence)	US-PGPUB; USPAT	OR	ON	2006/12/15 11:14

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L15	43	14 not 12	US-PGPUB; USPAT	OR	ON	2006/12/15 11:14
L16	524	((self\$1cross adj2 correlat\$3) or (self adj2 cross adj3 correlat\$3) or (cross adj2 correlat\$3)) same ((pseudo\$1random or known) near4 sequence)	US-PGPUB; USPAT	OR	ON	2006/12/15 11:50
L17	239	((self\$1cross adj2 correlat\$3) or (self adj2 cross adj3 correlat\$3) or (cross adj2 correlat\$3)) same ((pseudo\$1random) near4 sequence)	US-PGPUB; USPAT	OR	ON	2006/12/15 11:57
L18	37	17 and (sign)	US-PGPUB; USPAT	OR	ON	2006/12/15 11:51
L19	140	((self\$1cross adj2 correlat\$3) or (self adj2 cross adj3 correlat\$3) or (cross adj2 correlat\$3)) with((pseudo\$1random) near4 sequence)	US-PGPUB; USPAT	OR	ON	2006/12/15 11:58
L20	115	19 and receiver	US-PGPUB; USPAT	OR	ON	2006/12/15 12:11
L22	11	((self\$1cross adj2 correlat\$3) or (self adj2 cross adj3 correlat\$3) or (cross adj2 correlat\$3 near3 multipl\$7)) same (frequency near3 off\$1set\$4)	US-PGPUB; USPAT	OR	ON	2006/12/15 16:03
L23	0	(phase near4 (sum\$6 or add\$5 or accumulat\$3)) with ((self\$1cross adj2 correlat\$3) or (self adj2 cross adj3 correlat\$3) or (cross adj2 correlat\$3 near3 multipl\$7)) same (frequency near3 off\$1set\$4)	US-PGPUB; USPAT	OR	ON	2006/12/15 15:58
L24	2	((self\$1cross adj2 correlat\$3) or (self adj2 cross adj3 correlat\$3) or (cross adj2 correlat\$3 near3 multipl\$7)) same phase with (frequency near3 off\$1set\$4)	US-PGPUB; USPAT	OR	ON	2006/12/15 16:06
L27	5470	(cross adj2 correlat\$3) same phase (sum\$6 or add\$5 or accumulat\$3) with (frequency near3 off\$1set\$4)	US-PGPUB; USPAT	OR	ON	2006/12/15 16:07
L28	3130	(cross adj2 correlat\$3) near3 phase (sum\$6 or add\$5 or accumulat\$3) with (frequency near3 off\$1set\$4)	US-PGPUB; USPAT	OR	ON	2006/12/15 16:08
L29	1766	(cross adj2 correlat\$3) near3 phase (sum\$6 or add\$5 or accumulat\$3) near3 (frequency near3 off\$1set\$4)	US-PGPUB; USPAT	OR	ON	2006/12/15 16:08
L30	1391	(cross adj2 correlat\$3) near3 phase (sum\$6 or add\$5 or accumulat\$3) adj3 (frequency near3 off\$1set\$4)	US-PGPUB; USPAT	OR	ON	2006/12/15 16:08

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L31	44140	375/???cccls.	US-PGPUB; USPAT	OR	ON	2006/12/15 16:09
L32	548	30 and 31	US-PGPUB; USPAT	OR	ON	2006/12/15 16:09
L33	86	32 and packet	US-PGPUB; USPAT	OR	ON	2006/12/15 16:09
L34	82	33 and receiver	US-PGPUB; USPAT	OR	ON	2006/12/15 16:09
L39	6	ZENG-CHAOHUANG.in.	US-PGPUB; USPAT	OR	ON	2006/12/15 17:28
L40	30	GILBERT-JEFFREY-M.in.	US-PGPUB; USPAT	OR	ON	2006/12/15 17:29
L41	11	CHOI-WON-JOON.in.	US-PGPUB; USPAT	OR	ON	2006/12/15 17:29
L42	6	ZHANG-XIAORU.in.	US-PGPUB; USPAT	OR	ON	2006/12/15 17:29
L44	1175	455/130,218,219,230,232.1.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/15 17:35
L45	8656	375/130,131,136,140,147,150,316, 317,340,343,345.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/15 17:36
L46	8834	375/130,131,136,140,147,150,152, 316,317,340,343,345.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/15 17:36
S3	0	((analog adj2 digital adj2 converter) or "adc" or "a/d") with (cross adj3 correlat\$3) with (sum\$6 or add\$3) same ("dsp" or processor)	US-PGPUB; USPAT	OR	ON	2006/12/14 16:29
S4	15	((analog adj2 digital adj2 converter) or "adc" or "a/d") same(cross adj3 correlat\$3) same (sum\$6 or add\$3) same ("dsp" or processor)	US-PGPUB; USPAT	OR	ON	2006/12/07 14:52
S5	41	((analog adj2 digital adj2 converter) or "adc" or "a/d") same(cross adj3 correlat\$3) same multipl\$7 same (sum\$6 or add\$3)	US-PGPUB; USPAT	OR	ON	2006/12/07 12:56
S6	422	((analog adj2 digital adj2 converter) or "adc" or "a/d") same(cross adj3 correlat\$3)	US-PGPUB; USPAT	OR	ON	2006/12/07 12:50
S7	852	(sequence near2 sample) same multipl\$7 same (add\$3 or sum\$6)	US-PGPUB; USPAT	OR	ON	2006/12/07 12:51
S8	16	S6 and S7	US-PGPUB; USPAT	OR	ON	2006/12/07 12:51
S9	16	S8 not S4	US-PGPUB; USPAT	OR	ON	2006/12/07 12:51
S10	3	(cross adj3 correlat\$3) same (self\$1correlat\$3) same multipl\$7 same (sum\$6 or add\$3)	US-PGPUB; USPAT	OR	ON	2006/12/07 13:41

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S11	23	(cross adj3 correlat\$3)adj3 multipl\$7 adj4(sum\$6 or add\$3)	US-PGPUB; USPAT	OR	ON	2006/12/07 13:41
S12	12	(cross adj3 correlat\$3) same (multiple or plural\$3) near3 multipliers same (sum\$6 or add\$5)	US-PGPUB; USPAT	OR	ON	2006/12/07 14:58
S13	2	"20030058966"	US-PGPUB; USPAT	OR	ON	2006/12/07 14:59
S17	0	(long near3 preamble) near4 detect\$3 near5 cross near4 correlat\$3	US-PGPUB; USPAT	OR	ON	2006/12/08 16:18
S18	0	(long near3 preamble) with detect\$3 near5 cross near4 correlat\$3	US-PGPUB; USPAT	OR	ON	2006/12/08 16:27
S19	16650	(long near3 preamble) with detect\$3 eith cross near4 correlat\$3	US-PGPUB; USPAT	OR	ON	2006/12/08 16:19
S20	1	(long near3 preamble) with detect\$3 with cross near4 correlat\$3	US-PGPUB; USPAT	OR	ON	2006/12/08 16:19
S21	1	(long near3 preamble) with detect\$3 same cross near4 correlat\$3	US-PGPUB; USPAT	OR	ON	2006/12/08 16:19
S22	2	(long near3 preamble) same detect\$3 same cross near4 correlat\$3	US-PGPUB; USPAT	OR	ON	2006/12/08 16:21
S23	10	(long near3 preamble) same cross near4 correlat\$3	US-PGPUB; USPAT	OR	ON	2006/12/08 16:26
S24	3691	375/130,140,147,150.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/08 16:27
S25	1298	375/150.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/08 16:27
S26	1058	(long near3 preamble)	US-PGPUB; USPAT	OR	ON	2006/12/08 16:31
S27	13	S25 and S26	US-PGPUB; USPAT	OR	ON	2006/12/08 16:28
S28	44119	packet near6 (detect\$3 or estimat\$3 or determin\$5)	US-PGPUB; USPAT	OR	ON	2006/12/08 16:36
S29	57	S25 and S28	US-PGPUB; USPAT	OR	ON	2006/12/08 16:32
S30	54	S29 not S27	US-PGPUB; USPAT	OR	ON	2006/12/08 16:35
S31	534571	(multipl\$7) same (accumulat\$3 or add\$5 or sum\$6)	US-PGPUB; USPAT	OR	ON	2006/12/08 16:35
S32	926	S25 and S31	US-PGPUB; USPAT	OR	ON	2006/12/08 16:35

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S33	53977	packet with (detect\$3 or estimat\$3 or determin\$5)	US-PGPUB; USPAT	OR	ON	2006/12/08 16:36
S34	285	long near5 preamble same packet	US-PGPUB; USPAT	OR	ON	2006/12/08 16:36
S35	4	S32 and S34	US-PGPUB; USPAT	OR	ON	2006/12/08 16:37
S36	1235	(long near4 pre\$1amble) or (synchroniz\$5 near3 detect\$3) same ((cross\$1correlat\$3) or (cross adj3 correlat\$3))	US-PGPUB; USPAT	OR	ON	2006/12/09 14:00
S37	1194	(long near4 pre\$1amble) or (synchroniz\$5 near3 pattern) same ((cross\$1correlat\$3) or (cross adj3 correlat\$3))	US-PGPUB; USPAT	OR	ON	2006/12/09 14:00
S38	1178	(long near4 pre\$1amble) or (synchroniz\$5 near3 pattern) with ((cross\$1correlat\$3) or (cross adj3 correlat\$3))	US-PGPUB; USPAT	OR	ON	2006/12/09 14:00
S39	673	S38 and (multipl\$7) same (add\$5 or sum\$6 or accumul\$3)	US-PGPUB; USPAT	OR	ON	2006/12/09 14:01
S40	44056	375/???.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/09 14:02
S41	239	S39 and S40	US-PGPUB; USPAT	OR	ON	2006/12/09 14:02
S42	27	(match\$2 near3 (filter or equal\$6)) with (cross near3 correlat\$3) same (multipl\$7) same (add\$5 or sum\$6 or accumul\$3)	US-PGPUB; USPAT	OR	ON	2006/12/11 13:17
S43	83	(cross near3 correlat\$3) same (self\$1correlat\$3 or (self adj2 correlat\$3))	US-PGPUB; USPAT	OR	ON	2006/12/11 13:18
S44	68	(cross near3 correlat\$3) with(self\$1correlat\$3 or (self adj2 correlat\$3))	US-PGPUB; USPAT	OR	ON	2006/12/11 13:18
S45	49	(cross near3 correlat\$3) near3 (self\$1correlat\$3 or (self adj2 correlat\$3))	US-PGPUB; USPAT	OR	ON	2006/12/11 13:18
S46	7	(cross near3 correlat\$3) adj3 (self\$1correlat\$3 or (self adj2 correlat\$3))	US-PGPUB; USPAT	OR	ON	2006/12/11 13:33
S47	11	(cross near3 correlat\$3) adj5 (self\$1correlat\$3 or (self adj2 correlat\$3))	US-PGPUB; USPAT	OR	ON	2006/12/11 13:36
S48	58	(cross near3 correlat\$3) near6 (self\$1correlat\$3 or (self adj2 correlat\$3))	US-PGPUB; USPAT	OR	ON	2006/12/11 13:36

## EAST Search History

S49	57	(cross near3 correlat\$3) near5 (self\$1correlat\$3 or (self adj2 correlat\$3))	US-PGPUB; USPAT	OR	ON	2006/12/14 16:32
S50	0	(advantage or us\$3) with (self adj1 cross adj3 correlat\$3)	US-PGPUB; USPAT	OR	ON	2006/12/14 16:29
S51	0	(advantage or us\$3) adj2 (self adj1 cross adj3 correlat\$3)	US-PGPUB; USPAT	OR	ON	2006/12/14 16:30
S52	0	(advantage or us\$3) near2 (self adj1 cross adj3 correlat\$3)	US-PGPUB; USPAT	OR	ON	2006/12/14 16:30